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(54) Title: A METHOD AND AGENTS FOR IMPROVING PLANT PRODUCTIVITY INVOLVING ENDOPHYTIC ACTINO-MYCETES AND METABOLITES THEREOF

(57) Abstract: The present invention relates to a method for improving plant productivity, and in particular crop yields, via the introduction of an endophytic microorganism to the subject plant. More particularly, the present invention is directed to a method for improving cereal crop productivity via the introduction of an endophytic actinomycete to the subject crop. The method of the present invention facilitates the improvement of crop productivity, such as increasing germination, by, inter alia, providing the subject plant with disease bio-control capabilities and up-regulating plant growth promoting activities. The present invention is also directed to novel endophytic microorganisms and uses thereof.

